

**Amendments to the Claims**

Please cancel claims 2 through 34, without prejudice or disclaimer. This listing of the remaining claim will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

1. (Original): An electro-opto-mechanical assembly comprising:
  - a first wafer, said wafer having a top and bottom surface;
  - at least one optical element disposed on said top surface of said first wafer;
  - at least one discrete opto-electronic transducer element disposed in communication with said bottom surface of said first wafer and in optical communication with said optical element; and
  - an optical waveguide;wherein said first wafer and said optical element form an optical relay which relays light between said discrete opto-electronic transducer and said optical waveguide and thereby forms an efficient optical coupling between said discrete opto-electronic transducer and said optical waveguide.

2 – 34 (Canceled)